

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application No. 10/527,010:

Claim 1 (Currently Amended): A non-woven protective garment comprising a composite barrier fabric ~~including several layers bonded to each other~~ having enhanced reversible thermal properties including several layers bonded to each other using an adhesive wherein at least one layer consists of a non-woven fabric substrate, at least one layer consists of a impermeable barrier film, and at least one layer contains finely divided phase change materials.

Claim 2 (Currently Amended): A The non-woven protective garment according to claim 1, wherein at least one layer of the composite barrier fabric consists of an elastomeric material.

Claim 3 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the carrier material containing the finely divided phase change materials is an elastomeric material.

Claim 4 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the layer which contains the finely divided phase change material is arranged on the inside of the garment.

Claim 5 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the layer which contains the finely divided phase change material is bonded to the non-woven fabric substrate the composite barrier fabric consists of.

Claim 6 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the impermeable barrier layer contains the finely divided phase change material and is bonded to the non-woven fabric substrate.

Claim 7 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the non-woven fabric substrate is arranged

between an outside barrier film layer and an inside layer consisting of an elastomeric carrier material with incorporated finely divided phase change material.

Claim 8 (Cancelled).

Claim 9 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the non-woven fabric substrate is arranged between two barrier films and the layer consisting of an elastomeric carrier material with incorporated finely divided phase change material is bonded to the inner barrier film adjacent to the wearer's body.

Claim 10 (Currently Amended): A The non-woven protective garment according to claim 1, wherein a barrier film is arranged between two non-woven fabric substrates and an elastomeric carrier material with incorporated finely divided phase change material is bonded to the inner non-woven fabric substrate adjacent to the wearer's body.

Claim 11 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the barrier film which is adjacent to the wearer's body of a five-layer laminate contains the finely divided phase change material.

Claim 12 (Currently Amended): A The non-woven protective garment according to claim 1, wherein two layers which contain the finely divided phase change material are arranged between two outer barrier film layers and an inner non-woven fabric substrate the composite barrier fabric consists of.

Claim 13 (Cancelled)

Claim 14 (Cancelled)

Claim 15 (Cancelled)

Claim 16 (Cancelled)

Claim 17 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the phase change material is a crystalline alkyl hydrocarbon.

Claim 18 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the phase change material is a salt hydrate.

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Claim 19 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the phase change materials have melting points in the range between 20 °C and 60 °C.

Claim 20 (Currently Amended): A The non-woven protective garment according to claim 1, wherein the phase change materials have melting points in the range between 25 °C and 35 ° C.

Claim 21 (Currently Amended): A The non-woven protective garment according to claim 1, possessing a latent heat storage capacity between 40kJ and 60 kJ.

Claim 22 (New): The non-woven protective garment according to claim 1, wherein the adhesive is a thermoplastic polymeric adhesive.